

CLAIMS

- Sub A4*
1. A connector for an electric motor, adapted so as to be fixed on said motor, said motor comprising a magnetic ring which is a seat of a magnetic field related to operating parameters of said motor, wherein said connector comprises a magnetic flux conduction member forming a flux concentrator interposed, when said connector is fixed on the motor, between said magnetic ring and a Hall-effect sensor adapted so as to measure magnetic flux conducted by said magnetic flux conduction member.
2. The connector for an electric motor as recited in claim 1, wherein said magnetic flux conduction member comprises at least one metal pin adapted so that a part of said pin, when said connector is fixed on said motor, lies in a vicinity of said magnetic ring.
3. The connector for an electric motor as recited in claim 2, wherein said magnetic flux conduction member comprises two metal pins having free ends disposed symmetrically with respect to an axial plane of said magnetic ring.
4. The connector for an electric motor as recited in claim 1, wherein said connector further comprises at least two electrical power contacts linked to a supply source for said motor.
5. The connector for an electric motor as recited in claim 4, wherein at least one of said electrical power contacts is disposed so as to constitute a part of said magnetic flux conduction member.
6. The connector for an electric motor as recited in claim 5, wherein said power contact constituting a part of said magnetic flux conduction member is connected, when said connector is fixed on said motor, to a metal pad secured to said motor and a part of which lies in a vicinity of said magnetic ring.

7. The connector for an electric motor as recited in claim 5, wherein said power contact constituting a part of said magnet flux conduction member is made of steel.
8. The connector for an electric motor as recited in claim 1, wherein said connector is secured to a printed circuit on which said Hall-effect sensor is disposed.
9. The connector for an electric motor as recited in claim 1, wherein said connector is adapted so as to be fixed in a detachable manner on said electric motor.

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10. A geared motor for an automobile accessories comprising a rotor shaft equipped with a magnetic ring, wherein said motor comprises a connector.
11. The geared motor as recited in claim 10 wherein said automobile accessory is a window.
12. The geared motor as recited in claim 10 wherein said automobile accessory is a seat.
13. The geared motor as recited in claim 10 wherein said automobile accessory is a sunroof.
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